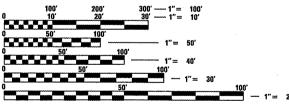
06-15-12 LETTING ITEM 016

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

VARIOUS ROUTES SECTION: 2012–010 RS VARIOUS LOCATIONS IN WESTERN LAKE COUNTY INTERMITTENT RESURFACING LAKE COUNTY C-91–394–12



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E. JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

PROJECT ENGINEER: DANIEL WILGREEN (847) 705–4240 PROJECT MANAGER: KEN ENG (847) 705–4247

CONTRACT NO. 60T56

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F.A. RTÉ.	SECTION	COUNTY	TOTAL	SHEET NO.
VAR.	2012-010 RS	LAKE	27	1
	ILLINOIS	CONTRAC	T NO. 6	OT56



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DIRECTOR OF HIGHWAYS, CHEF ENGINEER

John D. Baran

INDEX OF SHEETS

SHEET NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION	BEFORE STARTING ANY OR 811 FOR FIELD LOCA (48 HOUR NOTIFICATION
1	TITLE SHEET	000001 -06	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS	THE CONTRACTOR WILL
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	701011 - 02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY	TOLLWAY) PROPERTY WI
3	SUMMARY OF QUANTITIES	701301 - 04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS	ANY PAVEMENT MARKING
4	GENERAL LOCATION MAP	701306 ~03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS - DAY ONLY	MILLING AND RESURFACI REPLACED AND PAID FO
5	ROUTE INFORMATION			
6	SUMMARY OF PATCHING SCHEDULE	701311 - 03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY	BEFORE BEGINNING ANY REFERENCE, ALL EXISTI
7-18	PATCHING SCHEDULE	701336 - 06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES	MARKERS) IN ORDER THA EXACT LOCATIONS OF A
19	BUTT JOINT AND HMA TAPER DETAILS (BD-32)	701421 - 04	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS \geq 45 MPH TO 55 MPH	ALL PAVEMENT PATCHIN
20	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS (TC-10)	701426 - 04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS	THE CONTRACTOR SHALL AT (847) 705-4470 A M
21	TYPICAL APPLICATIONS: RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)	701427	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≰ 40 MPH	THE ENGINEER SHALL CO (847) 438-2300 MINIMUN
22	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)	701501 - 06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED	PAVEMENT MARKINGS.
23	TRAFFIC CONTROL AND PROTECTION OF TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)	701502 -04	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL	DOUBLE LANE MARKERS APPLICATIONS - RAISED THE PLANS.
24	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC	101002 04	LEFT TURN LANE	
25	STAGING (TC-16) ARTERIAL ROAD INFORMATION SIGN (TC-22)	701601 -07	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN	THE EXISTING ROADWAY OVERLAY ON TOP OF A
26	STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05, SHEET 1 OF 6)	701602 -05	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL	ALL PAVEMENT PATCHES ONLY. THE MINIMUM WI
27	DETECTOR LOOP INSTALLATION DETAIL FOR ROADWAY RESURFACING (TS-07)	701606 - <i>08</i>	LEFT TURN LANE URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN	NO PATCHING OR RESUR
		701701 ~ 08	URBAN LANE CLOSURE, MULTILANE INTERSECTION	PAVEMENT MARKING TAP

701901 - 02	TRAFFIC	CONTROL	DEVICES	
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STATE STANDARDS

THE COST OF TRAFFIC CONTROL AND PROTECTION FOR THE PROJECT SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED ROAD WORK.

THE COST OF ANY PARTIAL OR FULL DEPTH PATCHING REQUIRED AFTER THE REMOVAL OF THE EXISTING 2 INCH HOT-MIX ASPHALT SURFACE SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

ANY DETECTOR LOOPS DAMAGED BY MILLING SHALL BE REPLACED IN KIND. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO QUANTIFY LOOP REPLACEMENTS NEEDED AND PROVIDE THE RESIDENT ENGINEER THIS INFORMATION PRIOR TO GRINDING OR REMOVAL.

COMPLETED.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H).

OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS. ANY MILLED PAVEMENT IS TO BE RESURFACED BY THE END OF EACH DAY AND OPEN TO TRAFFIC.

HOT-MIX ASPHALT MIXTURE RE	EQUIREMENTS
MIXTURE TYPE	AIR VOIDS (%) @ N _{des.}
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5MM), 2"	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

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	PLOT SCALE = 100.0000 ' / 10.	CHECKED -	REVISED ~	DEPARTMENT OF TRANSPORTATION						VAR.	2012-010 RS		T NO. 60156	
	PLOT DATE = 4/30/2012	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED. A	ID PROJECT	1 NO. 60156	

GENERAL NOTES

Y EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 CATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. ON REQUIRED)

NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE (OR WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT (OR ISTHA)

INGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY ACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE FOR IN KIND.

NY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE TING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

ING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

ALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

CONTACT MS. DEBBIE HANLON, AREA TRAFFIC FIELD ENGINEER AT AUM OF TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT

RS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL ED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN

AY TYPICAL SECTION IS ASSUMED TO HAVE A 3 INCH HOT-MIX ASPHALT A TEN INCH CONCRETE BASE.

ES SHOWN IN THE PLANS ARE TWO (2) INCH MILL AND RESURFACE WIDTH FOR MILLING AND PATCHING SHALL BE THREE (3) FEET.

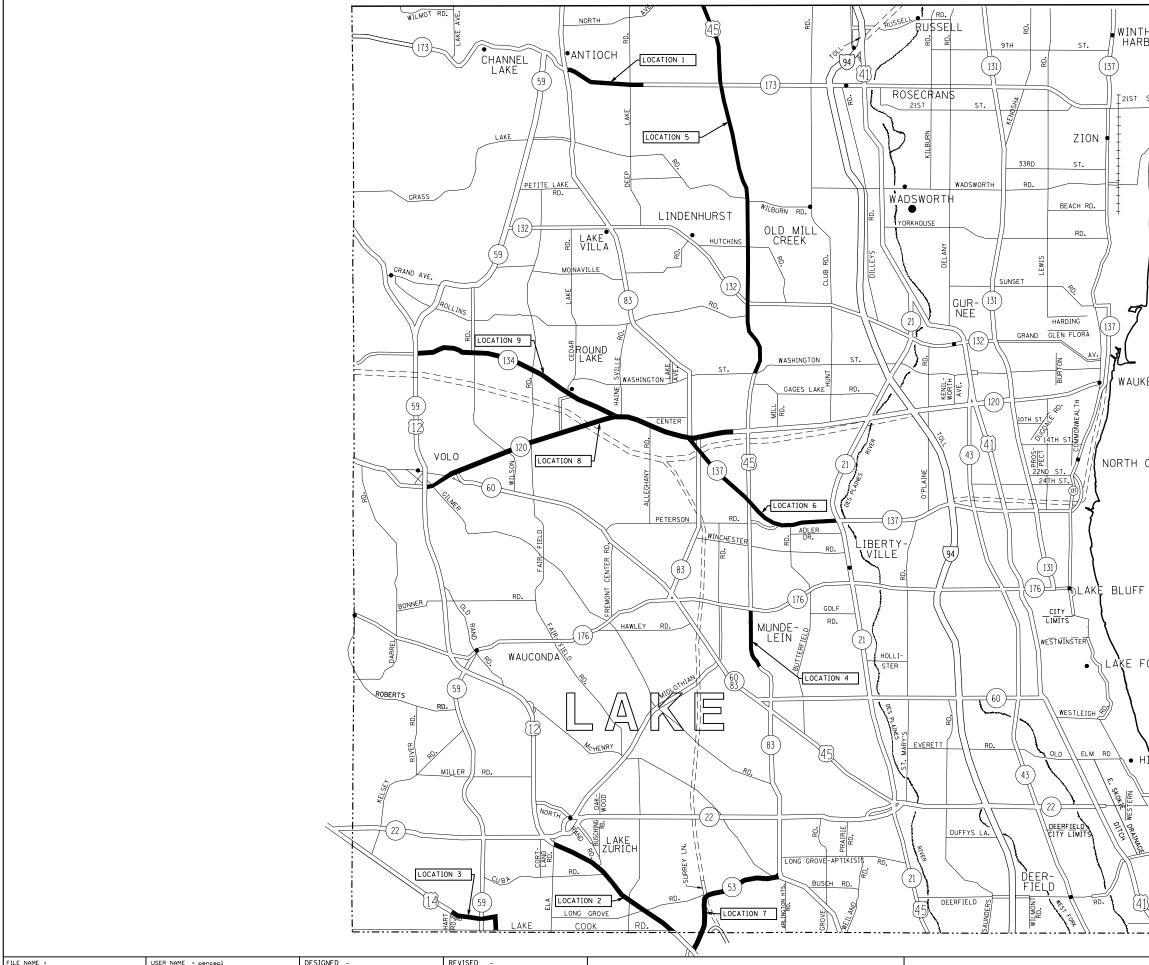
URFACING IS TO BE DONE WITHIN FIFTY (50) FEET OF ANY RAILROAD

PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE COST OF THE PAVEMENT MARKING TAPE, TYPE III SHALL BE INCLUDED IN THE COST OF SHORT TERM PAVEMENT MARKING

ALL LOOP DETECTOR LOCATIONS SHALL BE CURB MARKED BY THE CONTRACTOR PRIOR TO MILLING FOR THE PURPOSE OF REESTABLISHING DETECTOR LOOP LAYOUT AFTER THE RESURFACING IS

	SUMM	ARY OF QUANTITIES		URBAN		CONST	RUCTION TY	PE CODE			SUMMA	RY OF OUANTITIES		URBAN		co	NSTRUCTIO	N TYPE CODE		
				TOTAL	100% STATE								T	TOTAL	100% STATE					
CODE NO		ITEM	UNIT	QUANTITIES						CODE NO		ITEM	UNIT	QUANTITIES						
40600200	BITUMINOUS	MATERIALS (PRIME COAT)	TON	21	21					* 78000400	THERMOPLASTI	C PAVEMENT MARKING - LINE 6"	FOOT	2800	2800					
40600300	AGGREGATE (F	RIME COAT)	TON	102	102															
										* 78000500	THERMOPLASTI	C PAVEMENT MARKING - LINE 8"	FOOT	180	180					
40600400	MIXTURE FOR	CRACKS, JOINTS, AND	TON	77	77						1910. 1917 - 1									
	FLANGEWAYS																			
										* 78000600	THERMOPLASTI	C PAVEMENT MARKING - LINE 12"	FOOT	425	425					
40600895	CONSTRUCTING	ETEST STRIP	EACH	1	1															
40600982		ALT SURFACE REMOVAL - BUTT	SO YD	1520	1520					* 78000650		C PAVEMENT MARKING - LINE 2.4	FOOT	532	532					
	JOINT										e e a construction de la constru									
															ļ					
40603340	HOT-MIX ASPH	ALT SURFACE COURSE, MIX	TON	5677	5677					* 78100100	RAISED REFLE	CTIVE PAVEMENT MARKER	EACH	1568	1568					
	"D", N70																			L
										78300200	RAISED REFLE	CTIVE PAVEMENT MARKER	EACH	1568	1568					
44000157	HOT-MIX ASP	ALT SURFACE REMOVAL, 2"	SO YD	50683	50683						REMOVAL									
												,								
67000400	ENGINEER'S F	IELD OFFICE, TYPE A	CAL MO	. 6	6					* 88600600	DETECTOR LOO	PREPLACEMENT	FOOT	876	876					
67100100	MOBILIZATION		L SUM	1	1					Z0030850	TEMPORARY IN	FORMATION SIGNING	SO FT	1080	1080					
70300100	SHORT TERM P	AVEMENT MARKING	FOOT	5348	5348															
70301000	WORK ZONE PA	VEMENT MARKING REMOVAL	SQ FT	1783	1783															
																-				
¥ 78000100	THERMOPLASTI	C PAVEMENT MARKING -	SO FT	1021	1021											ļļ.				
	LETTERS AND	SYMBOLS																		
79000000			d root	00476	00476															
F 78000200	INERMUPLASI	C PAVEMENT MARKING - LINE 4	F00T	90476	90476					v						-				
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L		PLOT DATE = 4/5/2012	DATE -		REVISED			WEI FILLIU				SCALE: SHEET NO. OF	SHEETS STA	. T	O STA.	FED. ROA	AD DIST. NO. 1 ILI	INOIS FED. AID PROJ		NO. 60756

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NORTH CHICAGO



	SUMMARY - WESTERN LAKE COUNTY ROUTES	MUNICIPALITIES	SPEED LIMIT	ADT (YEAR)
LOC. 1	IL 173 (IL 83 TO EAST OF DEEP LAKE RD.)	ANTIOCH, ANTIOCH TWP.	40-55 MPH	18,300 (2009)
LOC. 2	US 12 (ELA RD. TO LAKE COOK RD.)	LAKE ZURICH, KILDEER, DEER PARK, ELA TWP.	35-50 MPH	48,000 (2011)
LOC. 3	US 14 (HART RD. TO LAKE COOK RD.)	BARRINGTON	35-45 MPH	28,600 (2011)
LOC. 4	US 45 (ALLANSON RD. TO IL 176)	MUNDELEIN	30 MPH	27,700 (2011)
LOC. 5	US 45 (WISCONSIN STATE LINE TO WASHINGTON ST.)	ANTIOCH, OLD MILL CREEK, LINDENHURST, GRAYSLAKE, THIRD LAKE, GURNEE, ANTIOCH TWP., AVON TWP., LAKE VILLA TWP., WARREN TWP.	40-55 MPH	15,200 (2011)
LOC.6	IL 137 (IL 120 TO 900 FT. WEST OF IL 21)	GRAYSLAKE, LIBERTYVILLE, FREMONT TWP., LIBERTYVILLE TWP.	40-55 MPH	29,900 (2011)
LOC. 7	IL 53 (IL 83 TO US 12)	BUFFALO GROVE, LONG GROVE, PALATINE, ELA TWP.	45 MPH	19,800 (2011)
LOC.8	IL 120 (0.1 MILE WEST OF US 45 TO US 12)	LAKEMOOR, VOLO, ROUND LAKE, ROUND LAKE PARK, HAINESVILLE, GRAYSLAKE, AVON TWP., GRANT TWP.	35-50 MPH	22,500 (2011)
LOC. 9	IL 134 (IL 120 TO US 12)	FOX LAKE, ROUND LAKE, ROUND LAKE PARK, HAINESVILLE, AVON TWP., GRANT TWP.	30-50 MPH	10,100 (2009)

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		HMA 2" MILL
	SUMMARY - WESTERN LAKE COUNTY ROUTES	& RESURFACE
		(SY)
LOC. 1	IL 173 (IL 83 TO EAST OF DEEP LAKE RD.)	1563
LOC. 2	US 12 (ELA RD. TO LAKE COOK RD.)	3685
LOC. 3	US 14 (HART RD. TO LAKE COOK RD.)	3920
LOC. 4	US 45 (ALLANSON RD. TO IL 176)	6559
LOC. 5	US 45 (WISCONSIN STATE LINE TO WASHINGTON ST.)	10280
LOC. 6	IL 137 (IL 120 TO 900 FT. WEST OF IL 21)	7247
LOC. 7	IL 53 (IL 83 TO US 12)	1944
LOC. 8	IL 120 (0.1 MILE WEST OF US 45 TO US 12)	7118
LOC. 9	IL 134 (IL 120 TO US 12)	8367
	WESTERN LAKE COUNTY TOTAL =	50683
		SY

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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					T NO. 60T56
	PLOT DATE = 4/5/2012	DATE -	REVISED -		SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. 4	ID PROJECT	

	ROSS STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIF
FROM	TO	(EB/WB)	NO.	PATCH	PAVEIMENT	AREA	AREA
FROM		(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD
IL 83	East of Deep Lake Rd.	EB	(1, 2, 0)	12	3	36	4
IL 05		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
IL 83	East of Deep Lake Rd.	EB		12	3	36	4
		EB		12	3	36	4
		EB		12 12	3	36 36	4
		EB EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		3	50	150	17
		EB		3	50	150	17
		EB		3	50	150	17
		EB		3	50	150	17
		EB		3	50	150	17
		EB		3	50	150	17
		EB		3	50	150	17
		EB		3	50	150	17
		EB		3	50	150	17
		EB		3	50	150	17
		EB		12	20	240	27
		EB		12	20	240	27
		EB		12	20	240	27
		EB		12	20	240	27
		EB		12	20	240	27
		EB		12	20	240	27
		EB		12	20	240	27
		EB		12	20	240	27
		EB		12	20	240	27
		EB		12	20	240	27

ROUTE:	IL 173 (IL 83 to 0.18 mile	es East of Dee	ep Lake Rd.)	(Continued)			
С	ROSS STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAI
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD
IL 83	East of Deep Lake Rd.	EB		12	20	240	27
	· · · · · ·	EB		12	20	240	27
		EB		12	20	240	27
		EB		12	20	240	27
		EB		12	20	240	27
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
IL 83	East of Deep Lake Rd.	WB		12	3	36	4
		WB		12	3	36	4
		WB		3	50	150	17
		WB		3	50	150	17
		WB		3	50 50	150	17
		WB				150	17
		WB WB		3 12	50	150 240	17
		WB		12	20 20	240	27 27
		WB		12	20	240	27
		WB WB		12	20	240	27
		WB WB		12	20	240	27
		WB		12	20	240	27
		WB		12	20	240	27
		WB		3	100	300	33
		WB		3	100	300	33
		WB		3	100	300	33
		WB		3	100	300	33
		WB		3	100	300	33
		WB		3	100	300	33
		WB		3	100	300	33
		WB		3	100	300	33
		WB		3	100	300	33
IL 83	East of Deep Lake Rd.	WB		3	100	300	33
		TOTALS:			2860		1563
					FT		SY

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c:\pw_work\pwidot\chrzasclr\d0303533\D1	9412-Design.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION SCALE:	IL 173						VAR.	2012-010 RS	LAKE	27 7
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -		IL 1/3							CONTRACT	NO. 6015	
	PLOT DATE = 4/5/2012	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT	

ROUTE.	US 12 (Ela Rd. to Lake	e Cook Ru.)					
C	ROSS STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPA
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	ARE
		(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ Y
Ela Rd.	Lake Cook Rd.	SB	(1, 2, 0)	3	6	18	2
		SB		3	6	18	2
				3	6	18	
		SB					2
		SB		3	6	18	2
		SB		3	6	18	2
		SB		3	6	18	2
		SB		3	6	18	2
		SB		3	6	18	2
		SB		3	6	18	2
		SB		3	6	18	2
		SB		3	12	36	4
		SB		3	12	36	4
		SB		3	12	36	4
		SB		3	12	36	4
		SB		3	12	36	4
	l	SB		3	12	36	4
		SB		3	12	36	4
		SB		3	12	36	4
		SB		3	12	36	4
		SB		3	12	36	4
		SB		3	12	36	4
		SB		3	12	36	4
		SB		3	12	36	4
		SB		3	15	45	5
		SB		3	15	45	5
		SB		3	15	45	5
		SB		3	15	45	5
		SB		3	15	45	5
		SB		3	15	45	5
		SB		3	15	45	5
Ela Rd.	Lake Cook Rd.	SB		3	15	45	5
		SB		3	15	45	5
		SB		3	25	75	8
		SB		3	25	75	8
		SB		3	25	75	8
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		SB		3	25	75	8
		SB		3	50	150	17
		SB		3	50	150	17
		SB		3	50	150	17
		SB		3	50	150	17
		SB		3	50	150	17
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		SB		3	50	150	17
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		SB		3	50	150	17
		SB		3	50	150	17
					75	225	25
		SB		.5	1 / 2 1		
		SB		3			
		SB SB SB		3 3 3	75 75 75	225 225 225	25 25 25

ROUTE:	US 12 (Ela Rd. to Lake	Cook Rd.)	(Continued)				
C	ROSS STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD)
Ela Rd.	Lake Cook Rd.	SB	(1, 2, 0)	3	80	240	27
		SB		3	80	240	27
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		4	80	320	36
		SB		6	12	72	8
		SB		12	3	36	4
		SB		12	3	36	4
		SB		12	3	36	4
		SB		12	3	36	4
		SB		12	3	36	4
		SB		12	3	36	4
		SB		12	3	36	4
		SB		12	3	36	4
Ela Rd.	Lake Cook Rd.	SB		12	3	36	4
		SB		12	3	36	4
		SB		12	3	36	4
		SB		12	3	36	4
		SB		12	3	36	4
		SB		12	3	36	4
		SB		12	3	36	4
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		SB		12	3	36	4
		SB		12	3	36	4
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		SB		12	3	36	4
				12	3		
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FILE NAME = USER NAME = chrzasolr DESIGNED -REVISED -PATCHING SCH STATE OF ILLINOIS REVISED c:\pw_work\pwidot\chrzasclr\d0303533\D139412-Design.dgn DRAWN -US 12 CHECKED -REVISED -DEPARTMENT OF TRANSPORTATION PLOT SCALE = 100.0000 ' / in. PLOT DATE = 4/5/2012 DATE – REVISED -SCALE: SHEET OF SHEETS

CHEDULE	F.A RTE.	SEC	LION		COUNTY	TOTAL SHEETS	SHEET NO.
······································		2012-0	010 RS		LAKE	27	8
-					CONTRACT	NO. 6	0T56
TS STA. TO STA.			ILLINOIS	FED. AI	D PROJECT		

ROUTE: US	12 (Ela Rd. to Lak	e Cook Rd.)	(Continued)					ROUTE:	US 12 (Ela Rd. to Lake	Cook Rd.)	(Continued)				
CROS	S STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR	C	ROSS STREET	DIRECTION	LANE	PAVEMENT		REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA	FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD)			(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD)
Ela Rd.	Lake Cook Rd.	SB		12	3	36	4	Ela Rd.	Lake Cook Rd.	SB		12	3	36	4
		SB		12	3	36	4			SB		12	3	36	4
		SB		12	3	36	4			SB		12	6	72	8
		SB		12	3	36	4			SB		12	6	72	8
		SB		12	3	36	4			SB		12	6	72	8
		SB SB		12 12	3	36 36	4 4			SB SB		12 12	6	72 72	8
		SB		12	3	36	4 4			SB		12	6	72	8
		SB		12	3	36	4			SB		12	6	72	8
		SB		12	3	36	4			SB		12	6	72	8
		SB		12	3	36	4			SB		12	6	72	8
		SB		12	3	36	4			SB		12	6	72	8
		SB		12	3	36	4			SB		12	6	72	8
		SB		12	3	36	4			SB		12	6	72	8
		SB SB		12 12	3	36 36	4			SB SB		12 12	6 12	72 144	8
		SB		12	3	36	4 4			NB		3	6	144	2
		SB		12	3	36	4			NB		3	6	18	2
		SB		12	3	36	4			NB		3	6	18	2
		SB		12	3	36	4			NB		3	6	18	2
		SB		12	3	36	4			NB		3	6	18	2
		SB		12	3	36	4			NB		3	6	18	2
		SB SB		12 12	3	36 36	4 4			NB NB		3	6	18 18	2
		SB		12	3	36	4 4			NB		3	6	18	2
		SB		12	3	36	4			NB		3	6	18	2
		SB		12	3	36	4			NB		3	6	18	2
		SB		12	3	36	4			NB		3	6	18	2
		SB		12	3	36	4			NB		3	6	18	2
		SB		12	3	36	4			NB		3	6	18	2
Ela Rd.	Lake Cook Rd.	SB SB		12 12	3	36 36	4 4	Ela Rd.	Lake Cook Rd.	NB NB		3	6	18 18	2
		SB		12	3	36	4 4			NB		3	12	36	4
		SB		12	3	36	4			NB		3	12	36	4
		SB		12	3	36	4			NB		3	12	36	4
		SB		12	3	36	4			NB		3	12	36	4
		SB		12	3	36	4			NB		3	12	36	4
		SB SB		12	3	36	4			NB NB		3	12	36	4
		SB		12 12	3	36 36	4			NB		3	12 12	36 36	4
		SB		12	3	36	4			NB		3	12	36	4
		SB		12	3	36	4			NB		3	12	36	4
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		SB SB		12 12	3	36 36	4			NB NB		3	12 12	36 36	4
		SB		12	3	36	4 4			NB		3	12	36	4
		SB		12	3	36	4			NB		3	12	36	4
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		SB		12	3	36	4			NB		3	12	36	4
		SB		12	3	36	4			NB		3	15	45	5
		SB		12	3	36	4			NB NB		3	25	75	8
		SB SB		12 12	3	36 36	4			NB		3	25 25	75 75	8
		SB		12	3	36	4			NB		3	25	75	8
		SB		12	3	36	4			NB		3	25	75	8
		SB		12	3	36	4			NB		3	25	75	8
		SB		12	3	36	4			NB		3	25	75	8
Ela Rd.	Lake Cook Rd.	SB		12	3	36	4	Ela Rd.	Lake Cook Rd.	NB		3	30	90	10
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	ROUTE:	US 12 (Ela Rd. to La	(e Cook Rd.)	(Continued)					ROUTE: [US 12 (Ela Rd. to Lake C	Cook Rd.)	(Co
ſ	CI	ROSS STREET	DIRECTION	LANE		PAVEMENT	REPAIR	REPAIR	CE	OSS STREET	DIRECTION	
-	FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA	FROM	TO	(EB/WB)	
	TROM	10	(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD)			(NB/SB)	(
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			NB		12	3	36	4	Ela Rd.	Lake Cook Rd.	NB	ſ
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[Ela Rd.	Lake Cook Rd.	NB		12	3	36	4			TOTALS:	+
	USER NAME =	chrzaselr	DESIGNED -		REVISED -						_	
			DRAWN -		REVISED -				STATE OF ILLINOIS		PATC	HIN
33\D1	39412-Design.dgn		DIGHIN		HETTOED							

NO. PATCH PATCH CAREA APEA (1,2,3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 <th></th> <th>SHEETS ST</th> <th>ι.</th> <th>TO STA.</th> <th></th> <th>ILL INOIS FEE</th> <th>D. AID PROJECT</th>		SHEETS ST	ι.	TO STA.		ILL INOIS FEE	D. AID PROJECT
NO. PATCH PATCH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12		US 12				2012-010 RS	LAKE 27 10 CONTRACT NO. 60T56
NO. PATCH PATCH CAREA AREA 12.3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4	TCHIN	NG SCHEDU	LE				
NO. PATCH PATCH CAREA AREA $(1.2, 3)$ WIDTH LENGTH $(SQ YD)$ 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>							
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NO. PATCH PATCH AREA AREA $(1.2, 3)$ WIDTH LENGTH $(SQ YD)$ 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4			12	30	360	40	
NO.PATCHPATCHAREAAREA $(12, 3)$ WIDTHLENGH $(SQ YD)$ 12 3 36 4 <							
NO. PATCH PATCH AREA AREA 11.2.3) WDTH LENGTH (SQ TD) 12 3 36 4 112 3 36 4 112 3 36 4 112 3 36 4 112 3 36 4 112 3 36 4 112 3 36 4 112 3 36 4 112 3 36 4 112 3 36 4 112 3 36 4 112 3 36 4 112 3 36 4 112 3 36 4 112 3 36 4 112 3 36 4 112 3 36 4 112 3 36 4 112			12	12	144	16	
NO. PATCH PATCH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12							
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NO. PATCH PATCH PAREA RREA 11.2.3) WDTH LENGTH (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3			12	6	72	8	
NO.PATCHPATCHAREAAREA $1(2,3)$ WDTHLENGTH(SQ PT)(SQ YD) 12 3364 12	+						
NO.PATCHPATCHAREAAREA1 (1,2,3)WDTHLENGTH(SQ FT)(SQ YD)12336412336 <td< td=""><td>+</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	+						
NO.PATCHPATCHAREAAREA1.2.3WDTHLENGTH(SQ FT)(SQ YD)123364 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
NO.PATCHPATCHAREAAREA $(1,2,3)$ WDTHLENGTH(SQ FT)(SQ YD)12336412336 <td< td=""><td></td><td></td><td>12</td><td></td><td>72</td><td>8</td><td></td></td<>			12		72	8	
NO.PATCHPATCHAREAAREA $(1, 2, 3)$ WDTHLENGTH $(SO FT)$ $(SQ VD)$ 12336412336 </td <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	-						
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NO.PATCHPATCHAREAAREA $(1, 2, 3)$ WDTHLENGTH $(SQ FT)$ $(SQ YD)$ 12336412336 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td>						-	
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NO. PATCH PATCH AREA AREA (1,2,3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12							
NO. PATCH PATCH AREA AREA (1,2,3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4	_						
NO. PATCH PATCH AREA AREA (1, 2, 3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
NO. PATCH PATCH AREA AREA (1, 2, 3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 <td></td> <td></td> <td>12</td> <td>3</td> <td></td> <td></td> <td></td>			12	3			
NO. PATCH PATCH AREA AREA (1, 2, 3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td>						-	
NO. PATCH PATCH AREA AREA (1, 2, 3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
NO. PATCH PATCH AREA AREA (1, 2, 3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
NO. PATCH PATCH AREA AREA (1, 2, 3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
NO. PATCH PATCH AREA AREA (1, 2, 3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td>						-	
NO. PATCH PATCH AREA AREA (1, 2, 3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4							
NO. PATCH PATCH AREA AREA (1, 2, 3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4			12	3	36		
NO. PATCH PATCH AREA AREA (1,2,3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4	-						
NO. PATCH PATCH AREA AREA (1, 2, 3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4							
NO. PATCH PATCH AREA AREA (1, 2, 3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4						-	
NO. PATCH PATCH AREA AREA (1, 2, 3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4 12 3 36 4 12 3 36 4						-	
NO. PATCH PATCH AREA AREA (1, 2, 3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4 12 3 36 4							
NO. PATCH PATCH AREA AREA (1,2,3) WDTH LENGTH (SQ FT) (SQ YD) 12 3 36 4							
NO. PATCH PATCH AREA AREA			12	3			
	DN						
	Ň	,					
(Continued)	((Continued)					

ROUIE.L	JS 14 (Hart Rd. to Lak	е Соок Ка.)					
CR	OSS STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
	10	(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD)
Hart Rd.	Lake Cook Rd.	EB	(1, 2, 0)	12	3	36	4
Hart I.u.	Lake COOK IN.	EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
				12	3	36	-
		EB			_		4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
Hart Rd.	Lake Cook Rd.	EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
Hart Rd.	Lake Cook Rd.	EB		12	3	36	4
riare r ta.	Eake Gook Ha.	EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4

ROUTE: L	JS 14 (Hart Rd. to Lak	e Cook Rd.)	(Continued)				
		DIRECTION	LANE	PAVEMENT	PAVEMENT		
				PAVEIMENT		REPAIR AREA	REPAIR
FROM	ТО	(EB/WB)	NO.		PATCH		AREA
		(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD
Hart Rd.	Lake Cook Rd.	EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	3	36	4
		EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
Hart Rd.	Lake Cook Rd.	EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
Hart Rd.	Lake Cook Rd.	EB		12	25	300	33
		EB		12	25	300	33
		EB		12	25	300	33
		EB		12	50	600	67
		EB		12	50	600	67
		EB		12	50	600	67
		EB		12	50	600	67
		EB		12	50	600	67
		EB		3	50	150	17
		EB		3	50	150	17
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
				3	100	300	33
		EB					
		EB		3	100	300	33
		EB EB		3	100 100	300 300	33 33
			1	1 3	1 100	300	1 33

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c:\pw_work\pwidot\chrzasclr\d0303533\D13	9412-Design.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PATCHING SCHEDULE						VAR.	2012-010 RS	LAKE	27	11
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					03 14					CONTRACT	NO. 60	156
	PLOT DATE = 4/5/2012	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		

ROUTE: L	JS 14 (Hart Rd. to Lak	e Cook Rd.)	(Continued)				
	L.	,	,				
CR	OSS STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
Hart Rd.	Lake Cook Rd.	EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
Hart Rd.	Lake Cook Rd.	EB		3	100	300	33
Hart I.u.		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		3	100	300	33
		EB		6	150	900	100
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
Hart Rd.	Lake Cook Rd.	WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
		WB		12	3	36	4
Hart Rd.	Lake Cook Rd.	WB	1	12	3	36	4

Lake Cook Rd.	WB WB WB WB WB WB WB WB		3 3 3 3 3 3 3 3 3 3	100 100 100 100 100 100 100 100	300 300 300 300 300 300 300 300	33 33 33 33 33 33 33 33 33 33
Lake Cook Rd.	WB WB WB WB WB		3 3 3 3 3 3	100 100 100 100 100	300 300 300 300 300 300	33 33 33 33 33 33
Lake Cook Rd.	WB WB WB WB		3 3 3 3	100 100 100 100	300 300 300 300	33 33 33 33 33
Lake Cook Rd.	WB WB WB		3 3 3	100 100 100	300 300 300	33 33 33
Lake Cook Rd.	WB WB		3 3	100 100	300 300	33 33
Lake Cook Rd.	WB		3	100	300	33
Lake Cook Rd						
	WR		3	1 100 1	200	.1.1
	v D				300	33
						33
						33
						33
						33
						33 33
						33
						33
						33
						33
						33
						33
						33
						67
						33
						33
Lake Cook Rd.						33
	WB					4
	WB		12	3	36	4
					36	4
						4
	WB					4
	WB		12	3	36	4
	WB		12	3	36	4
	WB		12	3	36	4
	WB		12	3	36	4
	WB		12	3	36	4
	WB		12	3	36	4
				-		4
						4
						4
Lake Cook Ru.						4
Laka Cook Pd	, ,	(1, 2, 3)			. ,	4
10	, ,					(SQ YD
						REPAIF AREA
	DIDECTION					
	S 14 (Hart Rd. to Lak DSS STREET TO Lake Cook Rd. Lake Cook Rd.	TO (EB/WB) (NB/SB) (NB/SB) Lake Cook Rd. WB WB WB	DSS STREET DIRECTION LANE TO (EB/WB) NO. (NB/SB) (1, 2, 3) Lake Cook Rd. WB WB WB WB WB WB WB WB WB WB WB WB WB W	DIRECTION LANE PAVEMENT TO (EB/WB) NO. PATCH (NB/SB) (1, 2, 3) WDTH Lake Cook Rd. WB 12 WB 3 WB 3	DIRECTION LANE PAVEMENT PAVEMENT TO (EB/WB) NO. PATCH PATCH Lake Cook Rd. WB 12 3 WB 12 25 WB 3 100 WB 3 </td <td>DIRECTION LANE PAVEMENT PATCH PATCH REPAIR TO (EB/WB) NO. PATCH PATCH AREA (NB/SB) (1,2,3) WDTH LENGTH (SQ FT) Lake Cook Rd. WB 12 3 36 WB 12 3 36</td>	DIRECTION LANE PAVEMENT PATCH PATCH REPAIR TO (EB/WB) NO. PATCH PATCH AREA (NB/SB) (1,2,3) WDTH LENGTH (SQ FT) Lake Cook Rd. WB 12 3 36 WB 12 3 36

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	PLOT SCALE = 100.0000 ' / 10.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION				US 14					CONTRAC	T NO. 60T56
	PLOT DATE = 4/5/2012	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			ID PROJECT	

ROUTE:	US 45 (Allanso	n Rd. to IL 176)					
CROSS	STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAI
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD
Allanson Rd.	IL 176	NB		12	3	36	4
			*	215	EACH	7740	860
		NB		3	50	150	17
			*	178	EACH	26700	2967
Allanson Rd.	IL 176	SB		12	3	36	4
			*	256	EACH	9216	1024
		SB		3	25	75	8
			*	1	EACH	75	8
		SB		3	50	150	17
		30	*	-	EACH	15300	1700
* NI	Detabas			102	EACH	15500	1700
ote: * Number of	Patches						
		TOTALS:			15438		6559
					FT		SY

ROUTE:	US 45 (Wisconsin State	Line to Washi	ngton St.)				
CPOSS	STREETS	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
FROM	10	(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	
Wisconsin State Line	Washington St.	NB	(1, 2, 3)	12	3	36	4
	vvasnington St.		*	100	Each	3600	400
		_		100	Lacii	5000	400
		NB		3	20	60	7
			*	30	Each	1800	200
		NB		12	50	600	67
			*	20	Each	12000	1333
		NB		3	100	300	33
Note: * Number of Patches			*	35	Each	10500	1167
Wisconsin State Line	Washington St.	SB		12	3	36	4
			*	120	Each	4320	480
		SB	*	3	20	60	7
			*	30	Each	1800	200
		SB		12	50	600	67
			*	25	Each	15000	1667
		SB		3	100	300	33
			*	125	Each	37500	4167
		SB		12	20	240	27
Note: * Number of Patches			*	25	Each	6000	667
		TOTALS:			10800		10280
					FT		SY

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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION				03 40				CONTRAC	T NO. 60T56
	PLOT DATE = 4/5/2012	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED. A	ID PROJECT	

ROUTE	E: IL 137 (IL 120 to	900 Ft. West	of IL 21)				
CROSS	STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAI
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
TROM	10	(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD
IL 120	West of IL 21	EB	1	12	3	36	4
12 120		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	25	300	33
		EB	1	12	25	300	33
		EB	1	12	50	600	67
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
IL 120	West of IL 21	EB	1	3	100	300	33

			() ()		(a		
ROUTE	E: IL 137 (IL 120 to	900 Ft. West	of IL 21)		(Continued)		
CROSS	STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM		(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
T NOIVI	10	(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD
IL 120	West of IL 21	EB	1	3	100	300	33
	VVest of IL 21	EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	3	100	300	33
		EB	1	6	50	300	33
		EB	1	6	50	300	33
		EB	1	6	50	300	33
			-	-			
		EB	1	6	100	600	67
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
IL 120	West of IL 21	EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
IL 120	West of IL 21	EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	25	300	33
		EB	2	12	25	300	33
		EB	2	12	25	300	33
		EB	2	12	25	300	33
		EB	2	12	25	300	33
		EB	2	12	50	600	67
		EB	2	12	50	600	67
		EB	2	12	50	600	67
		EB	2	12	50	600	67
IL 120	West of IL 21	EB EB	2	12 12	50 50	600 600	67 67

FILE NAME =	USER NAME = chrzasclr	DESIGNED -	REVISED -				РАТСН	ING SCHEDULE		F.A RTF	SECTION	COUNTY	TOTAL SHEET
c:\pw_work\pwidot\chrzasclr\d0303533\D13	9412-Design.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS			TATOM	IL 137		VAR.	2012-010 RS	LAKE	27 14
	PLOT SCALE = 100.0000 ' / 10.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION				IL 137				CONTRACT	T NO. 60T56
	PLOT DATE = 4/5/2012	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED. AI	D PROJECT	

ROUTE	IL 137 (IL 120 to	900 Ft. West	of IL 21)		(Continued)		
					(
CROSS	STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD)
IL 120	West of IL 21	EB	2	12	50	600	67
		EB	2	3	100	300	33
		EB	2	3	100	300	33
		EB	2	3	100	300	33
		EB	2	3	50	150	17
		EB	2	3	50	150	17
		EB	2	3	100	300	33
		EB	2	3	100	300	33
		EB	2	6	50	300	33
		EB	2	6	50	300	33
		EB	2	6	50	300	33
		EB	2	6	50	300	33
		EB	2	6	50	300	33
		EB	2	6	50	300	33
IL 120	West of IL 21	EB	2	6	50	300	33
IL IZU	West OTIL 21	EB	2	6	50	300	33
		EB		-	50	300	33
			2	6			
		EB	2	6	50	300	33
		EB	2	6	50	300	33
		EB	2	6	50	300	33
		EB	2	6	50	300	33
		EB	2	6	50	300	33
		EB	2	6	50	300	33
		EB	2	6	50	300	33
		EB	2	6	50	300	33
		EB	2	6	50	300	33
		EB	2	6	50	300	33
		EB	2	6	50	300	33
IL 120	West of IL 21	EB	2	6	50	300	33
West of IL 21	IL 120	WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
	1	WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
West of IL 21	IL 120	WB	1	12	3	36	4

ROUTE: II	_ 137 (IL 120 t	o 900 Ft. West	of IL 21)		(Continued)		
CROSS S		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD
West of IL 21	IL 120	WB	1	12	25	300	33
		WB	1	12	25	300	33
		WB	1	12	25	300	33
		WB	1	12	25	300	33
		WB	1	12	25	300	33
		WB	1	12	25	300	33
		WB	1	12	25	300	33
		WB	1	12	50	600	67
		WB	1	12	50	600	67
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
West of IL 21	IL 120			3		300	33
vvest of iL 21	IL 120	WB	1	3	100		33
		WB	1		100	300	
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
West of IL 21	IL 120	WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
				3			33
		WB	1		100	300	
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
West of IL 21	IL 120	WB	1	3	100	300	33

FILE NAME =	USER NAME = chrzasclr	DESIGNED -	REVISED -				РАТСН	ING SCHEDULE		F.A	SECTION	COUNTY	TOTAL SHEET
c:\pw_work\pwidot\chrzasclr\d0303533\D13	9412-Design.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS			TATVIN			VAR.	2012-010 RS	LAKE	27 15
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION				IL 137				CONTRAC'	T NO. 60T56
	PLOT DATE = 4/5/2012	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED. A	AID PROJECT	

ROUTE:	IL 137 (IL 120 to	900 Ft. West	of IL 21)		(Continued)		
	,		,		. /		
CROSS S	TREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD)
/est of IL 21	IL 120	WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
/est of IL 21	IL 120	WB	-	3	100	300	33
/est of iL 21	IL 120		1				
		WB	1	3	100	300	33 33
		WB	1	3	100	300	
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
/est of IL 21	IL 120	WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	3	100	300	33
		WB	1	6	50	300	33
		WB	1	6	50	300	33
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	3	36	4

ROUTE:	IL 137 (IL 120 to	900 Ft. West	of IL 21)		(Continued)		
		DIDECTION					
CROSS		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD
West of IL 21	IL 120	WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	25	300	33
		WB	2	12	25	300	33
		WB	2	12	25	300	33
		WB	2	12	25	300	33
		WB	2	12	25	300	33
		WB	2	12	25	300	33
		WB	2	12	25	300	33
		WB	2	12	25	300	33
		WB	2	12	25	300	33
		WB	2	12	25	300	33
		WB	2	12	25	300	33
		WB	2	12	50	600	67
		WB	2	12	50	600	67
		WB	2	12	50	600	67
		WB	2	12	50	600	67
		WB	2	12	50	600	67
West of IL 21	IL 120	WB	2	12	50	600	67
		WB	2	12	50	600	67
		WB	2	12	50	600	67
		WB	2	12	50	600	67
		WB	2	3	50	150	17
		WB	2	3	50	150	17
		WB	2	3	50	150	17
		WB	2	3	50	150	17
		WB	2	3	50	150	17
		WB	2	3	50	150	17
		WB	2	3	50	150	17
		WB	2	3	50	150	17
		WB	2	3	50	150	17
		WB	2	3	50	150	17
		WB	2	6	25	150	17
		WB	2	6	25	150	17
		WB	2	6	25	150	17
		WB	2	6	25	150	17
					25		17
		WB	2	6		150	
		WB	2	6	25	150	17
		WB	2	6	25	150	17
West of IL 21	IL 120	WB	2	6	25	150	17
					44533		
		TOTALS:			14560 FT		7247 SY

F	ILE NAME =	USER NAME = chrzasclr	DESIGNED -	REVISED -				РАТСНІ	NG SCH			F.A. BTF	SECTION	COUNTY	TOTAL SHEET
c	<pre>%\pw_work\pwidot\chrzasclr\d0303533\D13</pre>	9412-Design.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS			TATOM		LDOLL		VAR.	2012-010 RS	LAKE	27 16
		PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION				IL 137					CONTRAC	CT NO. 60T56
		PLOT DATE = 4/5/2012	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT	

ROUTE: IL :	53 (IL 83 to US 12)						
CRO	SS STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
	10	(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD)
IL 83	US 12	SB	(1, 2, 0)	3	6	18	2
12 03	03 12	SB		3	6	18	2
					-		
		SB		3	6	18	2
		SB		3	6	18	2
		SB		3	6	18	2
		SB		3	12	36	4
		SB		3	12	36	4
		SB		3	12	36	4
		SB		3	12	36	4
		SB		3	12	36	4
		SB		3	12	36	4
		SB		3	12	36	4
		SB		3	15	45	5
		SB		3	15	45	5
		SB		3	20	60	7
		SB		3	20	60	7
		SB		3	20	60	7
IL 83	US 12	SB		3	20	60	7
		SB		3	25	75	8
		SB		3	25	75	8
		SB		3	25	75	8
		SB		3	25	75	8
		SB		3	25	75	8
		SB		3	25	75	8
		SB		3	25	75	8
		SB		3	30	90	10
		SB		3	30	90	10
		SB		3	30	90	10
		SB		3	30	90	10
		SB		3	30	90	10
		SB		3	40	120	13
		SB		3	40	120	13
		SB		3	40	120	13
		SB		3	50	150	17
		SB		3	50	150	17
IL 83	US 12	SB		3	60	180	20
		SB		3	60	180	20
		SB		3	60	180	20
		SB		3	75	225	25
		SB		3	75	225	25
		SB		3	75	225	25
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33

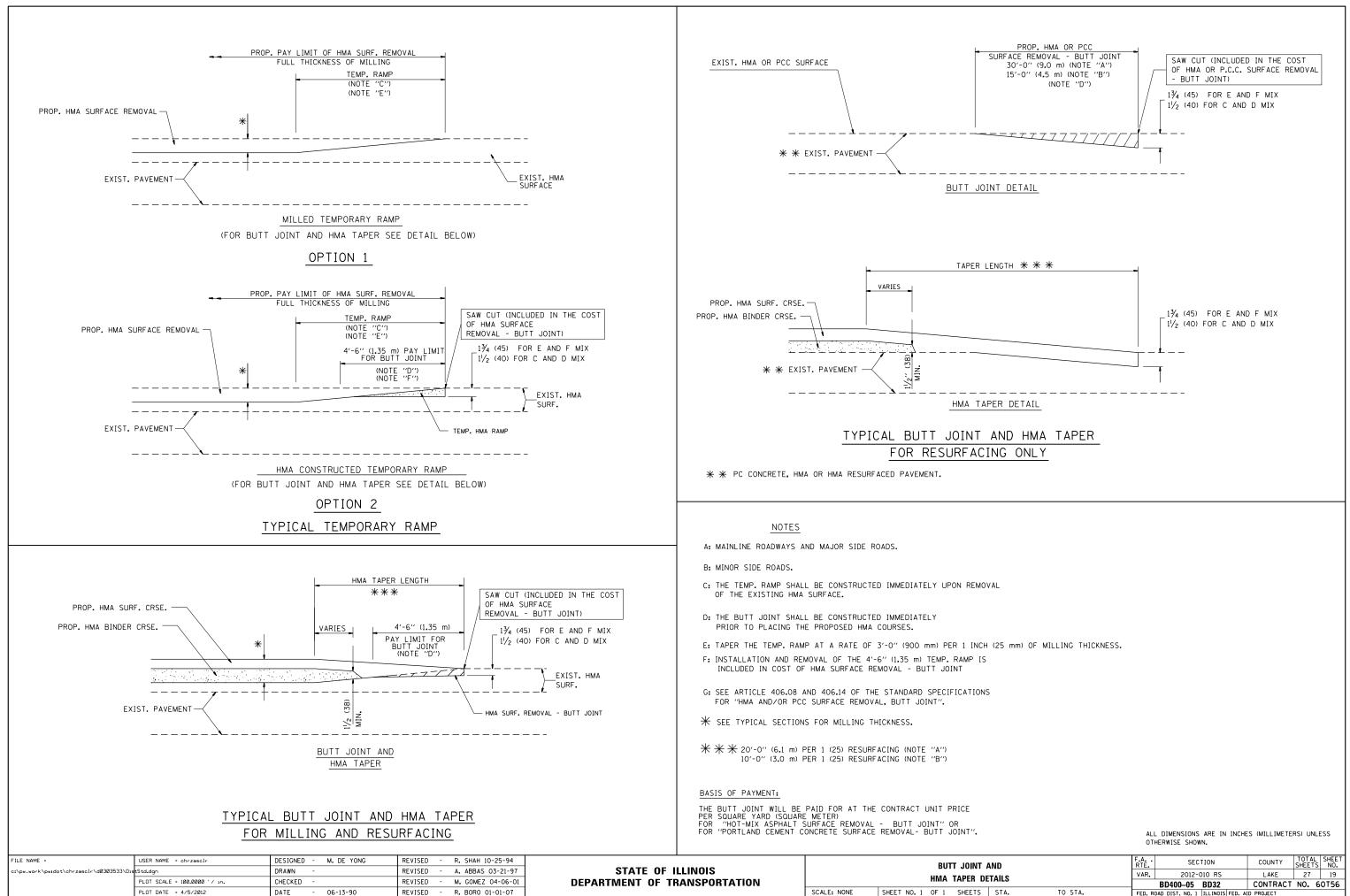
ROUTE: IL !	53 (IL 83 to US 12) (Continued)					
CROS	SS STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD
IL 83	US 12	SB	,	3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		3	100	300	33
		SB		4	60	240	27
		SB		5	100	500	56
		SB		5	100	500	56
		SB		12	3	36	4
		SB		12	3	36	4
		NB		3	6	18	2
		NB		3	6	18	2
		NB		3	6	18	2
		NB		3	6	18	2
		NB		3	6	18	2
		NB		3	12	36	4
		NB		3	12	36	4
		NB		3	12	36	4
IL 83	US 12	NB		3	12	36	4
		NB		3	12	36	4
		NB		3	15	45	5
		NB		3	15	45	5
		NB		3	25	75	8
		NB		3	25	75	8
		NB		3	30	90	10
		NB		3	30	90	10
		NB		3	30	90	10
		NB		3	30	90	10
		NB		3	50	150	17
		NB		3	50	150	17
		NB		3	50	150	17
		NB		3	50	150	17
		NB		3	50	150	17
		NB		3	75	225	25
		NB		3	75	225	25
IL 83	US 12	NB		3	75	225	25
		NB		3	80	240	27
		NB		3	100	300	33
		NB		3	100	300	33
		NB		3	100	300	33
		NB		3	100 100	300	33 33
		NB NB		3	100	300 300	33
		NB		3	100	300	33
		NB		3	100	300	33
		NB		3	100	300	33
		NB		3	100	300	33
		NB		3	100	300	33
		NB		3	100	300	33
		NB		3	100	300	33
		NB		3	100	450	50
		NB		4	200	800	89
IL 83	US 12	NB		6	30	180	20
12 03	05 12	ND		0	30	100	20
		TOTAL :			5565		1944
					FT		SY

FILE NAME =	USER NAME = chrzasclr	DESIGNED -	REVISED -				РАТСН	HING SC	HEDULE		F.A.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
c:\pw_work\pwidot\chrzasclr\d0303533\D13	9412-Design.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS	II 50				VAR.	2012-010 RS	LAKE	27 17		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION				IL 33					CONTRAC	T NO. 60T56
	PLOT DATE = 4/5/2012	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			TO STA.		ILLINOIS FED. A	ID PROJECT			

ROUTE:	IL 120 (0.1 Mile W	/est of US 45 t	:o US 12)				
CROSS	STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YD)
West of US 45	US 12	WB	1	12	3	36	4
			*	51	EACH	1836	204
		WB	1	12	25	300	33
			k	13	EACH	3900	433
		WB	1	12	50	600	67
			*	10	EACH	6000	667
		WB	1	3	100	300	33
			×	24	EACH	7200	800
		14/5	4		50		
		WB	1	6	50	300	33
				25	EACH	7500	833
		WB	1	3	50	150	17
		VVD	۱ *		EACH	450	50
					LAON	400	
US 12	West of US 45	EB	1	12	3	36	4
			. *		EACH	1476	164
		EB	1	12	25	300	33
			*	15	EACH	4500	500
		EB	1	12	50	600	67
			×	15	EACH	9000	1000
		EB	1	3	100	300	33
			*	33	EACH	9900	1100
		EB	1	6	50	300	33
			*	41	EACH	12300	1367
ote: * Number o	l f Patches						
		TOTALS:			11376		7118
					FT		SY

ROUTE:	IL 134 (IL 120 to	US 12)					
CROSS	STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPA
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
1 Kom	10	(NB/SB)	(1, 2, 3)	WDTH	LENGTH	(SQ FT)	(SQ YE
IL 120	US 12	WB	1	12	3	36	4
			1	* 84	EACH	3024	336
		WB	1	12	25	300	33
			ŝ	11	EACH	3300	367
		WB	1	12	50	600	67
			1	* 5	EACH	3000	333
		WB	1	3	100	300	33
			ť	* 32	EACH	9600	1067
		WB	1	6	50	300	33
			1	* 1	EACH	300	33
		WB	1	6	100	600	67
			1	* 7	EACH	4200	467
US 12	IL 120	EB	1	12	3	36	4
			,	66	EACH	2376	264
			4	10	05	200	
		EB	1	12	25	300	33
				15	EACH	4500	500
			4	12	50	<u> </u>	67
		EB	1	12 * 45	EACH	600 27000	3000
				40	EACH	27000	3000
		EB	1	3	100	300	33
				* 40	EACH	12000	1333
				40	LACIT	12000	1000
		EB	1	6	50	300	33
				* 20	EACH	6000	667
				20		0000	007
te: * Number o	f Patches						
		TOTALS:			12550		8367
					FT		SY

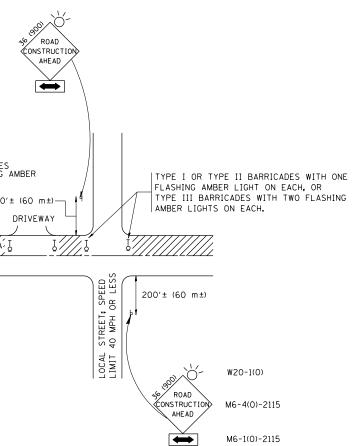
FILE NAME =	USER NAME = chrzasolr	DESIGNED -	REVISED -				РАТСН	ING SCHEDULE		F.A.	SECTION	COUNTY TOTAL SHEET
c:\pw_work\pwidot\chrzasclr\d0303533\D1	9412-Design.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS				0 and IL 134		VAR.	2012-010 RS	LAKE 27 18
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION				U and IL 134				CONTRACT NO. 60T56
	PLOT DATE = 4/5/2012	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED. A	AID PROJECT



F	AND		F.A RTE.	SEC	TION		COUNTY	TOTAL SHEETS	SHEET NO.
יב	ETAILS			2012-0	010 RS		LAKE	27	19
	TAILS			BD400-05	BD32		CONTRACT	NO. 6	OT56
	STA.	TO STA.	FED. RO	DAD DIST. NO. 1	ILLINOIS	FED. AI	D PROJECT		

 In the closed portion. Side Road construction anead sin 48 or 12 million of the main route shall be protected by the closed portion. Side Road construction anead sin 48 or 12 million of the main route shall be protected by the cross section of the closed portion. Side Road construction anead sin 48 or 48 (12 million to 11 mill	15 (380)	(120 B) (1017)		∠— WITH "	III BARRICADE: WO FLASHING S ON EACH. 200 WORK AREA
 NOTES: A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER: O) ONE ROAD CONSTRUCTION AHEAD SIGN 36 × 36 (900×900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE. b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION. 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER: c) ONE ROAD CONSTRUCTION AHEAD SIGN 48 × 48 (1.2 m × 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE. b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE MAIN ROUTE. b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION. 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL 			COLLECTOR SPEED LIMIT> 40 MPH (60 km/r 	051) +1,005 ROAD CONSTRUCT	
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	OF THE MAIN R b) THE CLOSED PC BLOCKING WITH	OUTE. DRTION OF THE MA TYPE III BARRIC	IN ROUTE		

FILE NAME =	USER NAME = chrzasclr	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95			TRAFFIC CONTROL AND PROTECTION FOR	F.A RTF.	SECTION	COUNTY TOTAL SHEET SHEETS NO.
c:\pw_work\pwidot\chrzasclr\d0303533\Di	stStd.dgn	DRAWN -	REVISED - A. HOUSEH 03-06-96	STATE OF ILLINOIS		SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	VAR.	2012-010 RS	LAKE 27 20
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED - A. HOUSEH 10-15-96	DEPARTMENT OF TRANSPORTATION				TC-10	CONTRACT NO. 60T56
	PLOT DATE = 4/5/2012	DATE - 06-89	REVISED -T. RAMMACHER 01-06-00		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROAD	DIST. NO. 1 ILLINOIS FED.	AID PROJECT

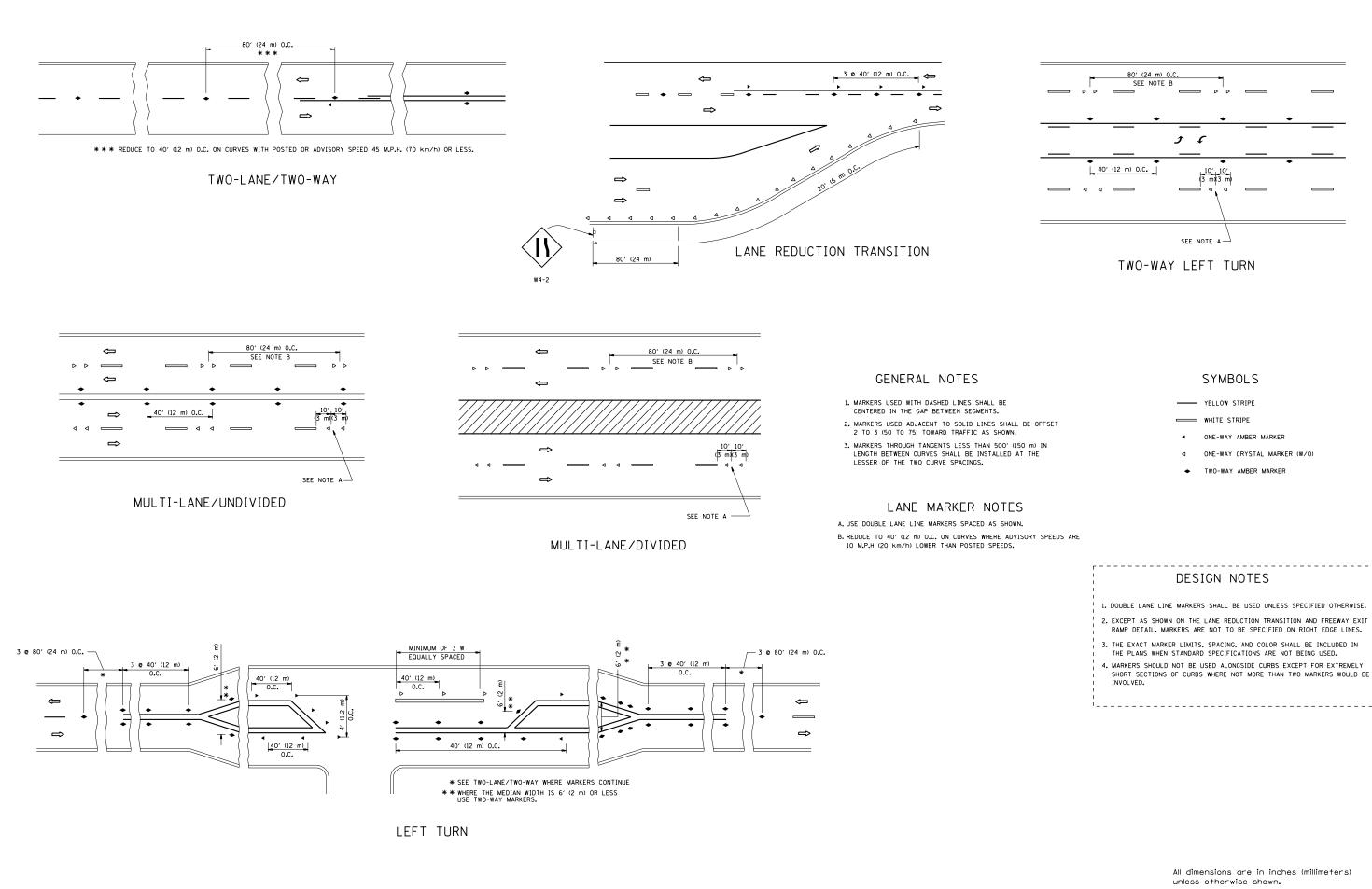


SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC
CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD).
THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD
CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW
SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE
SIDE ROAD LANE CLOSURE.

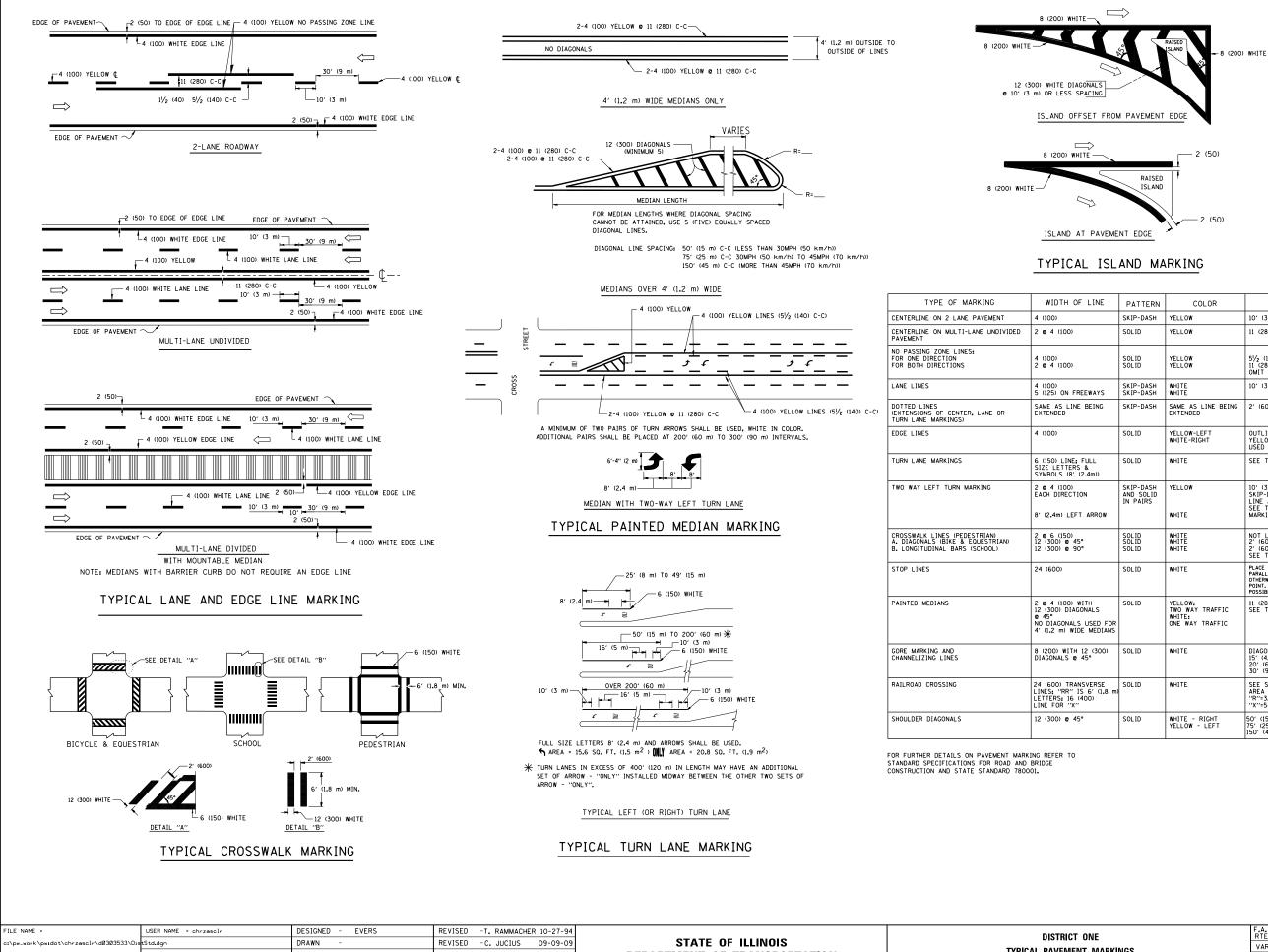
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches)	
unless otherwise shown.	



FILE NAME =	USER NAME = chrzasclr	DESIGNED -	REVISED - T. RAMMACHER 09-19-94		TYPICAL APPLICATIONS	F.A. · SECTION	COUNTY TOTAL SHEET
c:\pw_work\pwidot\chrzasclr\d0303533\Dis	:Std.dgn	DRAWN -	REVISED - T. RAMMACHER 03-12-99	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		VAR. 2012-010 RS	LAKE 27 21
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -T. RAMMACHER 01-06-00		RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)	TC-11	CONTRACT NO. 60T56
	PLOT DATE = 4/5/2012	DATE -	REVISED - C. JUCIUS 09-09-09		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS F	ED. AID PROJECT

4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



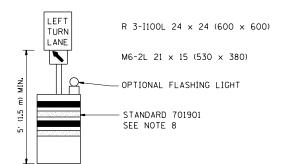
USER NAME = chrzasclr	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94		TYPICAL PAVEMENT MARKINGS			F.A RTE.	SECTION	COUNTY TOTAL SHEETS	SHEET NO.
stStd.dgn	DRAWN -	REVISED - C. JUCIUS 09-09-09					VAR.	2012-010 RS	LAKE 27	22
PLOT SCALE = 100.0000 ' / 10.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					TC-13	CONTRACT NO. 6	50T56
PLOT DATE = 4/5/2012	DATE - 03-19-90	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA.	TO STA.	FED. ROAD DI	IST. NO. 1 ILLINOIS FED. A	ID PROJECT	

LINE	PATTERN	COLOR	SPACING / REMARKS
	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
	SOLID	YELLOW	11 (280) C-C
	SOL ID SOL ID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
EWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
BEING	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
ULL & .4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
N	SKIP-DASH AND SOLID IN PAIRS	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASHE 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
	SOL ID SOL ID SOL ID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
	SOLID	WHITE	PLACE 4' (1,2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESINED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
TH NALS USED FOR MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
2 (300) 5°	SOLID	WHITE	DIAGONALS: 15'(4,5 m) C-C (LESS THAN 30MPH (50 km/h)) 20'(6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30'(9 m) C-C (0VER 45MPH (70 km/h))
VERSE 6' (1.8 m) 00)	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "%"=3.6 SO. FT. (0.33 m ²) EACH "%"=54.0 SO. FT. (5.0 m ²)
	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (0VER 45MPH (70 km/h))

All dimensions are in inches (millimeters) unless otherwise shown.

	CONFLICTING PAVEMENT MARKING REMOVAL	WHITE REF MARKING T	LECTORIZED APE
		WEDIAN	FLECTORIZED APE 1. CONES DAY O ARE BI HEIGHT 2. STEAD OPERA 3. REFLEC THE B. THAN 1
			4. THIS A AND T LANE'' 5. THESE
		LEGEND	6.LONGI
		WORK AREA	7. FORM 8. IF A E NCHRP THE B
		LANE OPEN TO TRAFFIC	9. TRAFF SHALL ITEMS.
	H	TYPE I OR II BARRICADE WITH STEADY BURN LIGHT	
	Q	DRUM WITH STEADY BURN LIGHT	
	۲	DRUM WITH SIGN (WITH OPTIONAL FLASHI LIGHT) SEE DETAIL	٩G
	н	TYPE I OR II CHECK BARRICADE WITH FL.	ASHING LIGH
STATE OF	' ILLINOIS	TRAFFIC CONTROL AND	

FILE NAME =	USER NAME = chrzasclr	REVISED -T. RAMMACHER 09-08-94 REVISED - R. BORO 09-14-09		TRAFFIC CONTROL AND PROTECTION AT TURN BAYS		F.A RTE.	SECTION	COUNTY TOTAL SHEET SHEETS NO.
c:\pw_work\pwidot\chrzasclr\d0303533\DistStd.dgn		REVISED - A. HOUSEH 11-07-95 REVISED -	STATE OF ILLINOIS			VAR.	2012-010 RS	LAKE 27 23
	PLOT SCALE = 100.0000 '/ in.	REVISED - A. HOUSEH 10-12-96 REVISED -	DEPARTMENT OF TRANSPORTATION	(TO REMAIN OPEN TO TRAFFIC)			TC-14	CONTRACT NO. 60156
	PLOT DATE = 4/5/2012	REVISED -T. RAMMACHER 01-06-00 REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROA		AID PROJECT



ED PAV'T

ZED PAV'T

GENERAL NOTES

ES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DEPENDING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HT OF 5' (1.5 m).

ADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY RATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.

LECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER N FOURTEEN DAYS.

APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN " R3-100 24 × 24 (600 × 600) AND M6-2R 21 × 15 (530 × 380) SHALL BE USED.

SE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.

ITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

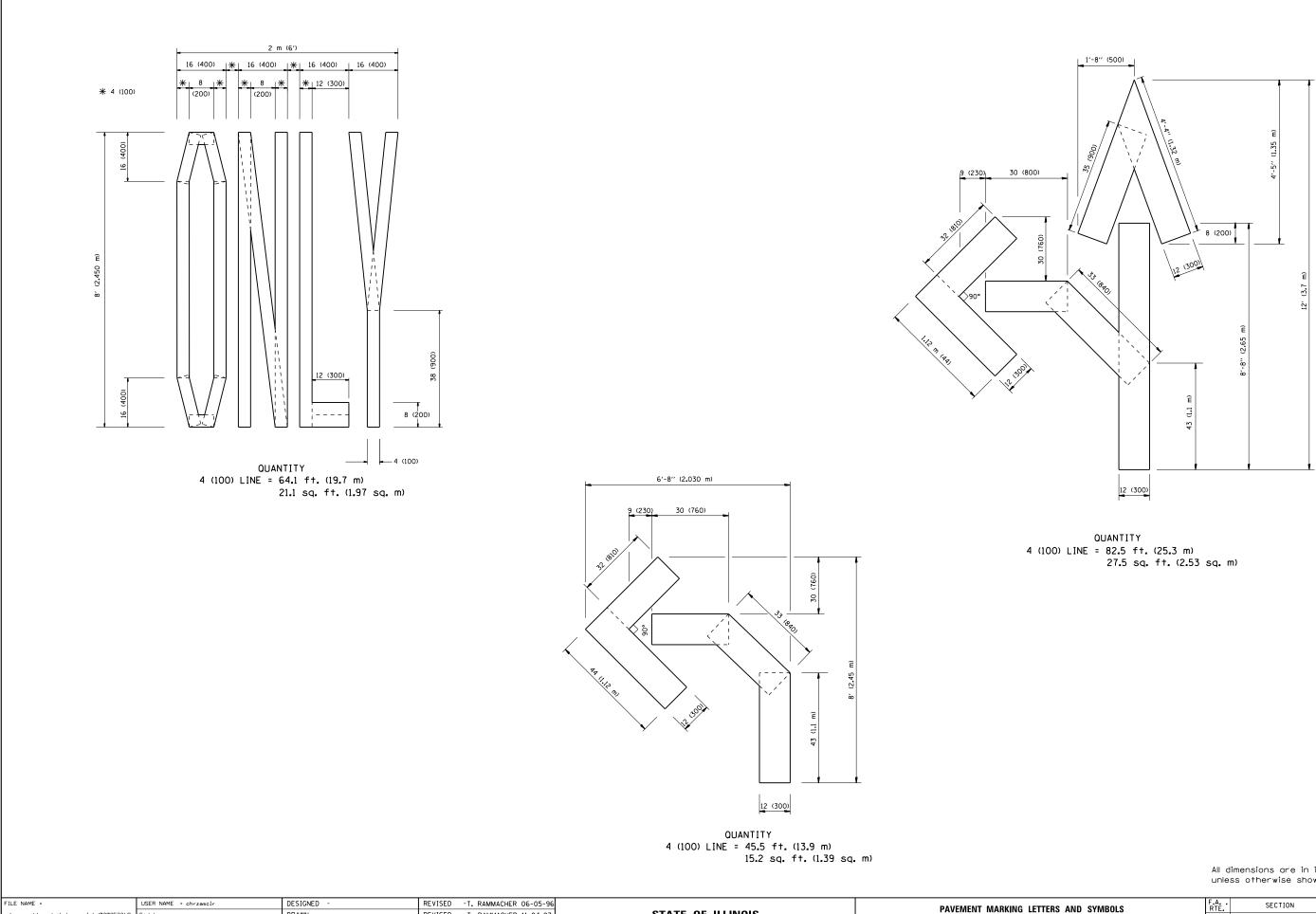
OPER 725 IS REQUIRED.

DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS RP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHR 350 PREQUIREMENTS.

FFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) LL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR 1S.

> All dimensions are in inches (millimeters) unless otherwise shown.

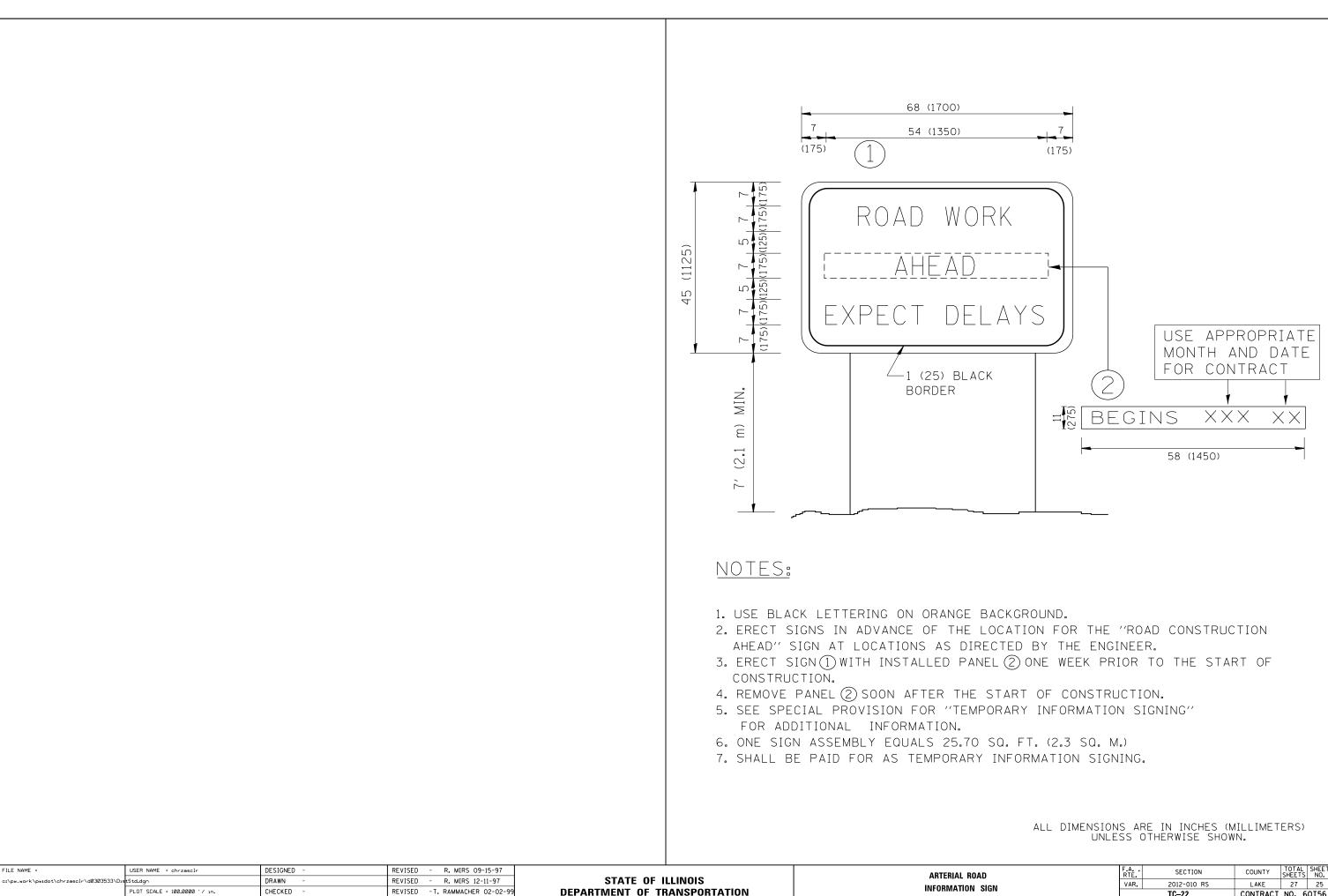
GHT



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	PLOT DATE = 4/5/2012	DATE - 09-18-94	REVISED - E. GOMEZ 08-28-00		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS S

All dimensions are in inches (millimeters) unless otherwise shown.

EF	ERS AND SYMBOLS			SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
STAGING		VAR.	2012-010 RS	LAKE	27	24		
STAGING			_	TC-16	CONTRACT	NO. 6	0T56	
	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



PLOT DATE = 4/5/2012

DATE

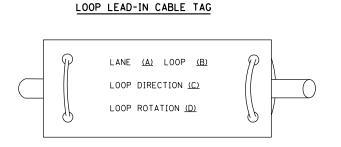
REVISED - C. JUCIUS 01-31-07

OF TRANSPORTATION			intro o	
	SCALE: NONE	SHEET NO. 1	OF 1	SHEETS

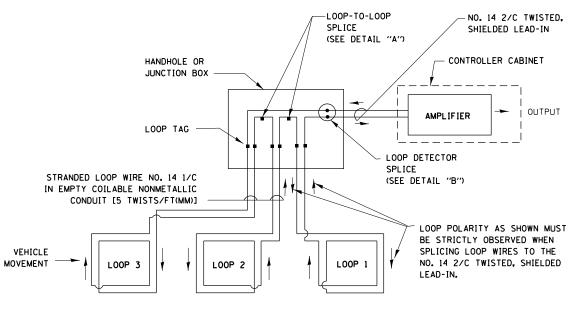
30	ROAD N SIGN		F.A RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
м			CICN VAR. 20				25	
		TC-22 CONTRACT NO. 601				0156		
	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

LOOP DETECTOR NOTES

- 1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- 2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- 3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- 4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- 5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
- 6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
- 7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

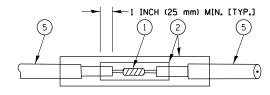


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm), IE IN CONCRETE. THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.



DETAIL "A" LOOP-TO-LOOP SPLICE

(2)(6)s¥£ ₲

DETAIL "A"

LOOP DETECTOR SPLICE

LOOP-TO-LOOP SPLICE

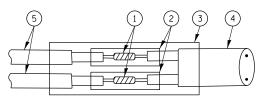
 \bigcirc western union splice soldered with rosin core flux. All exposed surfaces \bigcirc of the solder shall be smooth.

(2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.

- (3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.
- (4) NO. 14 2/C TWISTED, SHIELDED CABLE.
- (5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- (6) PRE-FORMED LOOP

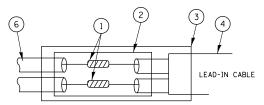
XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = chrzasclr	DESIGNED - DAD	REVISED -		DISTRICT ONE		F.A RTF	SECTION	COUNTY	TOTAL SHEET
c:\pw_work\pwidot\chrzasclr\d0303533\DistStd.dgn		DRAWN - BCK	REVISED -	STATE OF ILLINOIS			VAR.	2012-010 RS	LAKE	27 26
	PLOT SCALE = 100.0000 ' / in.	CHECKED - DAD	REVISED -	DEPARTMENT OF TRANSPORTATION	STANDARD TRAFFIC SIGNAL DESIGN DETAILS			TS05	CONTRACT	T NO. 60T56
	PLOT DATE = 4/5/2012	DATE - 10-28-09	REVISED -		SCALE: NONE	SHEET NO. 1 OF 6 SHEETS STA. TO STA.	FED. ROAD	DIST. NO. 1 ILLINOIS FED.	AID PROJECT	



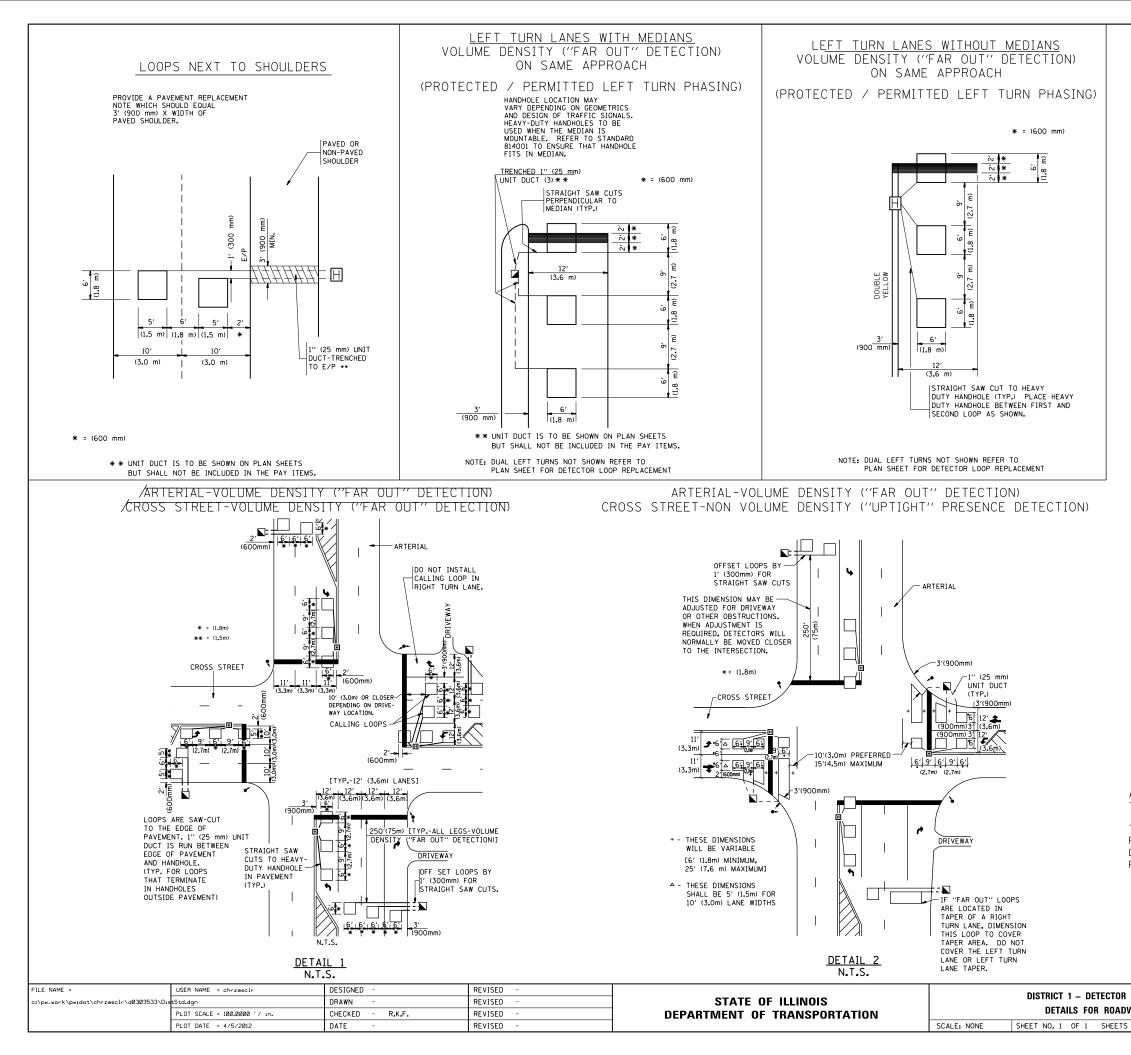
DETAIL "B" LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



PRE-FORMED LOOP

DETAIL "B" LOOP-TO-CONTROLLER SPLICE



NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF <u>ALL</u> DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, <u>MORE</u> THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. <u>EACH</u> ONE OF THESE TYPE OF LOOPS REQUIRES A <u>SEPARATE</u> TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A <u>SEPARATE</u> INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON \underline{ALL} SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

LOOP INSTALLATION WAY RESURFACING			F.A RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			VAR.	2012-010 RS	LAKE	27	27
				TS-07	CONTRACT NO. 60T56		
	STA.	TO STA.	FED. RC	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			